

**SILVER BROMOIODIDE CORE-SHELL GRAIN EMULSION****ABSTRACT OF THE INVENTION**

5        The present invention relates to a light-sensitive emulsion, and a light-sensitive photographic material containing the same, comprising silver bromoiodide grains of a core shell structure comprising: a) an inner core consisting essentially of silver bromide or silver bromoiodide and having a silver iodide content within the range of 0 to 10 mole %, and b) a plurality of shells consisting essentially of silver  
10      bromide or silver bromoiodide, wherein said silver bromoiodide grains exhibit an average grain size lower than 0.60 micrometer, an average grain thickness lower than 0.15 micrometer, and an average aspect ratio lower than 5:1.